

E & A Consulting Group, Inc.  
 10909 Mill Valley Road, Suite 100  
 Omaha, NE 68154  
 tel 402.895.4700  
 fax 402.895.3599  
 www.eacg.com



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Engineering Answers

Zachary A. Jilek, CPESC, CISEC  
 Environmental Services Dept. Manager

E&A- P2022.261.001

Inspector: Ethan Anderson		Stage
Project Name:	<b>Plattsmouth Historic High School Housing and New Apartments CSW-202207329</b>	1
For Week Ending:	<b>3/23/2024</b>	<b>68003</b>
Project Location:	814 Main St. - Plattsmouth, NE (Cass County)	

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	90%			
Utilities:	100%			
Overall Development:	85%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm Event Times
					<b>Week 1</b>
Sunday:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"	3/20/2024	Sunny 54/34	12:40 PM	
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				

Complaints: None

**Construction Sequencing:**

**Which portion(s) (i.e. drainage basins) of the site have had a temporary or permanent cessation of grading, earthwork, or ground disturbance in the last 14 days?**

Grading work active northwest side of site, utility installation, footings poured (9/28/22). Framing for paving roadways (11/9/22). Paving roadways (11/16/22). Silt basin B grading and shaping (8/2/23). Storm sewer was being installed near silt basin B (9/6/23). Storm installation completed (9/27/23). Fine grading on all disturbed areas of site (12/27/23).

**Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?**

Grading work active northwest side of site, utility installation, footings poured (9/28/22). Framing for paving roadways (11/9/22). Paving roadways (11/16/22). Silt basin B grading and shaping (8/2/23). Storm sewer was being installed near silt basin B (9/6/23). Storm installation completed (9/27/23). Fine grading on all disturbed areas of site (12/27/23).

**What temporary or permanent stabilization measures listed in this section are being implemented?**

Existing Vegetation (9/21/22). Sod installation around north building (11/8/23). Seed and matting installed in SB A (11/8/23). Seed and matting installed along the west entrance and adjacent slope (11/15/23). Seed and matting installed along the north perimeter and west entrance parking lot edges (11/22/23). **Seeding and matting installed on and around the eastern building (3/20/24).**

**Checklist Questions:**

**1.) Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?**

No

**Create Corrective Action?**

No, See BMP Section.

**2.) Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to**

No

**Create Corrective Action?**

No, See BMP Section and Findings Section.

**3.) Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?**

Yes

**Create Corrective Action?**

N/A

**4.) Are construction entrances and adjacent streets being maintained adequately?**

No

**Create Corrective Action?**

No, See BMP Section.

**5.) Is dust associated with the construction activity adequately controlled on the site?**

Yes

**Create Corrective Action?**

N/A

Comments:

**Comments:**


1.) Site was active during the current inspection.

**Findings / Corrective Actions (Date):**

**Findings / Corrective Actions (Date):**

1.) Some maintenance required in the BMP Section.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 01	Construction Entrance	D2		Removed	
<b>Current Condition:</b>	Removed- Lund Ross paved the construction entrance prior to the inspection on 11/16/22.				
CE 02	Construction Entrance	M11		Removed	
<b>Current Condition:</b>	Removed- Lund Ross paved the rest construction entrance prior to the inspection on 11/16/22.				
CW 1	Concrete washout	West entrance	11/22/2023	Active	No
<b>Current Condition:</b>	Good Condition - Lund Ross installed 2 portable concrete washouts prior to the inspection on 11/22/23. Lund Ross moved all the concrete washouts to one location near the west entrance to the site prior to the inspection on 11/29/23. Lund Ross installed an additional concrete washout on N 10th St prior to the inspection on 12/13/23. Lund Ross moved the concrete washout to near the south entrance to the site prior to the inspection on 12/20/23.				
CW 2	Concrete washout	N 10th St		Removed	
<b>Current Condition:</b>	Removed - Lund Ross removed the concrete washout prior to the inspection on 11/29/23.				
EM 01	Erosion Control Matting	West entrance	11/15/2023	Active	No
<b>Current Condition:</b>	Good Condition - Lund Ross installed matting prior to the inspection on 11/15/23. Lund Ross secured the matting around the outfall prior to the inspection on 2/21/24.				
IF 01	Inlet Filter	A7		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed sod around the inlet prior to the inspection on 11/8/23.				
IF 02	Inlet Filter	A9		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed sod around the inlet prior to the inspection on 11/8/23.				
IF 03	Inlet Filter	B10		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed sod around the inlet prior to the inspection on 11/8/23.				
IF 04	Inlet Filter	H11		Removed	
<b>Current Condition:</b>	Removed - Lund Ross paved around the inlet prior to the inspection on 12/6/23.				
IF 05	Inlet Filter	H12		Removed	
<b>Current Condition:</b>	Removed - Lund Ross paved around the inlet prior to the inspection on 12/6/23.				
IF 06	Inlet Filter	K13		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed seed and matting around the inlet prior to the inspection on 3/20/24.				
IF 07	Inlet Filter	K13		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed landscape rock around the inlet prior to the inspection on 3/20/24.				
IF 08	Inlet Filter	K13		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed landscape rock around the inlet prior to the inspection on 3/20/24.				
MS 01	Material Storage	On Site	9/30/2022	Active	No
<b>Current Condition:</b>	Good Condition- Lund Ross stored material is organized designated areas prior to the inspection on 11/9/22. Lund Ross is using parking lot near SB A used as material storage, including lumber prior to the inspection on 2/8/23.				
PB 01	Portable Toilet	On Site	9/30/2022	Active	No
<b>Current Condition:</b>	Fair Condition - Lund Ross installed and secured a set of portable toilets prior to the 10/05/22 inspection. The portable toilets on site were adequately secured with pallets against the side of an existing building. Lund Ross moved and repositioned the portable toilets against the wall prior to the inspection on 12/6/23. Lund Ross moved and repositioned the portable toilets against the building prior to the inspection on 12/20/23. Lund Ross moved the portable toilets to the other side of the street along the fence prior to the inspection on 2/28/24. <b>Lund Ross will be removing the portable toilets when work in the area is complete.</b>				
PB 02	Portable Toilet	On Site		Removed	
<b>Current Condition:</b>	Removed - Lund Ross removed the portable toilets prior to the inspection on 12/6/23.				
SB A	Sediment Basin/swale/drainage ditch	B3		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed matting and seeded in the swale/drainage ditch prior to the inspection on 11/8/23.				
SB B	Sediment Basin/swale/drainage ditch	G14	9/30/2022	Pending	Yes
<b>Current Condition:</b>	<p>Pending - Lund Ross was actively working on the basin/swale/drainage ditch during the inspection on 6/7/23. Lund Ross started installing the basin/swale/drainage ditch prior to the inspection on 6/14/23. Lund Ross was shaping and grading the basin/swale/drainage ditch prior to the inspection 8/2/23. Lund Ross finished shaping the sides and bottom of the basin/swale/drainage ditch prior to the inspection on 10/4/23. Lund Ross began installing the post construction clean out ports in the basin/swale/drainage ditch prior to the inspection on 11/1/23.</p> <p>1.) The sediment basin/swale/drainage ditch should be installed per SWPPP or area stabilized to plan. 2.) Inlet protection should be installed around inlet or area stabilized.</p> <p>1.) Lund Ross was informed to complete by 11/02/22. Not done as of last inspection. Lund Ross was reminded on 11/10/22, 12/5/22, 2/3/23, 4/5/23, 5/10/23, 5/31/23, 6/7/23, 7/5/23, 8/9/23, 9/7/23, 10/19/23, 11/16/23, 12/21/23, 2/22/24 2.) Lund Ross was informed to complete by 7/12/23. Not done as of last inspection. Lund Ross was reminded on 8/9/23, 9/7/23, 10/19/23, 11/16/23, 12/21/23, 2/22/24</p>				
SF 01	Silt Fence	A2-D2		Removed	
<b>Current Condition:</b>	Removed - Lund Ross removed the silt fence prior to the inspection on 11/29/23.				
SF 02	Silt Fence	A3-H12		Removed	
<b>Current Condition:</b>	Removed - Due to the seed and matting installed in the area by Lund Ross the silt fence is no longer necessary.				
SF 03	Silt Fence	G12-N15		Removed	
<b>Current Condition:</b>	Removed - Due to the seed and matting installed in the area by Lund Ross the silt fence is no longer necessary.				
SF 04	Silt Fence	E1-E4		Removed	
<b>Current Condition:</b>	Removed- Silt fence is uphill of disturbed area. There is no recommendation for this BMP as of the 11/30/22 inspection.				
STR	Streets	ADJ and Internal Streets	9/30/2022	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition- A trail of escaped sediment was observed along the street curb on N 10th st traveling all the way down to Washington Ave. Lund Ross cleaned the interior streets prior to the inspection on 7/5/23. Lund Ross cleaned the internal streets prior to the inspection on 8/23/23. Lund Ross was in the process of cleaning the eastern streets during the inspection on 10/18/23. Lund Ross scraped the streets and sidewalk prior to the inspection on 1/17/24.</p> <p>Street and sidewalk should be cleaned at Main St and 8th St.</p> <p>Lund Ross was informed to complete by 2/1/24. Not done as of last inspection. Lund Ross was reminded on 2/22/24</p>				
SW 1	Straw Wattles	Main St		Removed	
<b>Current Condition:</b>	Removed - Lund Ross removed the wattles along the southern sidewalk prior to the inspection on 12/6/23.				
SW 2	Straw Wattles	N 10th St	11/22/2023	Active	No

<b>Current Condition:</b>	Good Condition - Lund Ross installed straw wattles along the western slope of property along S 10th St prior to the inspection on 11/22/23.				
SWPPP Sign	SWPPP Signs	South of CE 1	9/30/2022	Active	No
<b>Current Condition:</b>	Active - E&A inspector installed the SWPPP sign to the south of CE 1 during the inspection on 12/7/22. E&A inspector updated the SWPPP sign with the correct permit information website during the 12/21/22 inspection. SWPPP sign was recovered but will not be reinstalled at this time due to project near completion as of the inspection on 3/13/24.				
WO 01	Concrete Washout	On site		Removed	
<b>Current Condition:</b>	Removed - Lund Ross installed a concrete washout on site prior to the inspection on 12/6/23. All recommendations will be under CW 1.				
WS 01	Waste storage	On site	3/20/2024	Active	No
<b>Current Condition:</b>	Good Condition - Lund Ross installed a waste storage bin onsite prior to the inspection on 3/20/24.				
<b>Certification Statement</b>	"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations."				
<b>Inspector Signature:</b>				<b>Reviewed By:</b> 